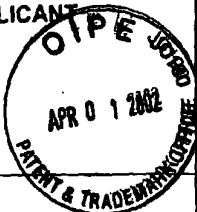


Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 851-0031
US Patent & Trademark Office U.S. DEPARTMENT OF COMMERCE

Complete if Known

Application Number	10/010066
Filing Date	28, 2002
First Named Inventor	Schwartz, David
Group Art Unit	0
Examiner Name	Unknown

Sheet 1 of 2

Attorney Docket No: 00875.010US2

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date if Appropriate
--------------------	---------------------	------------------	---	-------	----------	----------------------------

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
	WO-98/50547	11/12/1998	Hardiman, G.T., et al	C12N	15/12	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ARBOUR, N.C., et al., "Missense mutations of the TLR4 gene are associated with hyporesponsiveness to lipopolysaccharides (LPS) in humans", <u>Am. J. of Human Genetics</u> , Vol. 65, No. 4, (October 1999), p. A97	
		ARBOUR, N.C., et al., "TLR4 mutations are associated with endotoxin hyporesponsiveness in humans", <u>Nature Genetics</u> , Vol. 25, No. 2, (June 2000), pp. 187-191	
		BONNER, J.C., et al., "Induction of the Lung Myofibroblast PDGF Receptor System by Urban Ambient Particles From Mexico City", <u>American Journal of Respiratory Cell and Molecular Biology</u> , 19(4), (Oct. 1998), pp. 672-680	
		BRIGHAM, K.L., et al., "Endotoxin and Lung Injury", <u>American Review of Respiratory Disease</u> , (May, 1986), pp. 913-927	
		CHOW, J.C., et al., "Toll-like Receptor-4 Mediates Lipopolysaccharide-induced Signal Transduction", <u>Journal of Biological Chemistry</u> , 274(16), (April, 1999), pp. 10689-10692	
		FAVORITE, G.O., et al., "Effects Produced by the Intravenous Injection in Man of a Toxic Antigenic Material Derived From Eberthella Typhosa: Clinical Hematological, Chemical and Serological Studies", <u>Journal of Clinical Investigation</u> , (May, 1942), pp. 589-599	
		HOSHINO, K., et al., "Cutting Edge: Toll-like Receptor 4 (TLR4) - Deficient Mice are Hyporesponsive to Lipopolysaccharide: Evidence for TLR4 as the Lps Gene Product", <u>Journal of Immunology</u> , 162(7), (1999), pp. 3749-3752	
		KUHNS, D.B., et al., "Endotoxin and IL-1 Hyporesponsiveness in a Patient With Recurrent Bacterial Infections", <u>Journal of Immunology</u> , 158(8), (April, 1997), pp. 3959-3964	
		MEDZHITOV, R., et al., "A Human Homologue of the Drosophila Toll Protein Signals Activation of Adaptive Immunity", <u>Nature</u> , 388(6640), (1997), pp. 394-397	
		MEDZHITOV, R., et al., "Innate Immunity: The Virtues of a Nonclonal System of Recognition", <u>Cell</u> , 91(3), (1997), pp. 295-298	
		MICHEL, O., et al., "Effects of Inhaled Endotoxin on Bronchial Reactivity in Asthmatic and Normal Subjects", <u>Journal of Applied Physiology</u> , 66(3), (March, 1989), pp. 1059-1064	

EXAMINER

DATE CONSIDERED

12-9-02

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A(10-01)
Approved for use through 10/31/2002. OMB 051-0001
US Patent & Trademark Office, U.S. DEPARTMENT OF COMMERCE

Complete if Known

Application Number	10/010066
Filing Date	28, 2002
First Named Inventor	Schwartz, David
Group Art Unit	0
Examiner Name	Unknown

Sheet 2 of 2

Attorney Docket No: 00875.010US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/		MICHEL, O., et al., "Severity of Asthma is Related to Endotoxin in House Dust", <u>American Journal of Respiratory and Critical Care Medicine</u> , 154(6), (Dec. 1996), pp. 1641-1646	
		POLTORAK, A., et al., "Defective LPS Signaling in C3H/HeJ and C57BL/10ScCr Mice: Mutations in Tlr4 Gene", <u>Science</u> , 282, (1998), pp. 2085-2088	
		QURESHI, S.T., et al., "Endotoxin-tolerant Mice Have Mutations in Toll-like Receptor 4 (tlr4)", <u>Journal of Experimental Medicine</u> , 189(4), (1999), pp. 615-625	
		ROCK, F.L., et al., "A family of human receptors structurally related to Drosophila Toll", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 95, (January 1998), pp. 588-593	
		SANTAMARIA, P., et al., "Involvement of Class II MHC Molecules in the LPS-Induction of IL-1/TNF Secretions by Human Monocytes", <u>Journal of Immunology</u> , 143(3), (Aug. 1989), pp. 913-922	
		SCHWARTZ, D.A., et al., "Determinants of Longitudinal Changes in Spirometric Function Among Swine Confinement Operators and Farmers", <u>American Journal of Respiratory and Critical Care Medicine</u> , 151(1), (Jan. 1995), pp. 47-53	
		SCHWARTZ, D.A., et al., "The Role of Endotoxin in Grain Dust-induced Lung Disease", <u>American Journal of Respiratory and Critical Medicine</u> , 152(2), (Aug. 1995), pp. 603-608	
		WANG, S., et al., "Effects of Inhalation of Steroids on Lung Permeability in Patients With Asthma", <u>Clinical Nuclear Medicine</u> , 20(6), (June, 1995), pp. 494-496	
		WRIGHT, S.D., et al., "CD14, a Receptor for Complexes of Lipopolysaccharide (LPS) and LPS Binding Protein", <u>Science</u> , 249(4975), (Sept. 1990), pp. 1431-1433	
		WRIGHT, S.D., "Toll, A New Prize in the Puzzle of Innate Immunity", <u>Journal of Experimental Medicine</u> , 189(4), (Feb. 1999), pp. 605-609	
/		YANG, R., et al., "Toll-like Receptor-2 Mediates Lipopolysaccharide-induced Cellular Signalling", <u>Nature</u> , 395(6699), (Sept. 1998), pp. 284-288	

EXAMINER

DATE CONSIDERED 12-9-04

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 900. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached